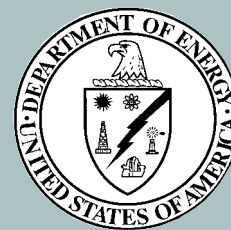


May 2001

Visit the Technical Standards
Program Web Site at
<http://tis.eh.doe.gov/techstds/>.

Standards Actions



DOE Technical Standards Program Document Status

04-30-2001

Activity Summary

In Conversion – 4

In Preparation – 39

Out for Comment – 19

Published this Month – 0



5-year Review Status

Revision in Progress – 4

Reaffirmation in Progress – 23

Cancellation Pending – 9

Cancellation in Progress – 18

No Current Action – 12

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DOE Technical Standards Projects Initiated

If you have any questions or are interested in participating in the development of these standards, please contact the representatives listed below. Complete listings of all DOE Technical Standards projects and their status are given on the Technical Standards Program (TSP) Web Site (<http://tis.eh.doe.gov/techstds/>). To access these lists from the home page, click on "DOE Technical Standards," then click on "Projects" in the left-hand frame to show the links to the project lists.

The following DOE Technical Standards projects were recently initiated:

- *Guide for Operational Configuration Management Programs, Including Adjunct Programs of Design Reconstruction and Material Condition and Aging Management*, revision to DOE-STD-1073-93, Project Number CMAN-0003, Richard M. Stark, EH-53; 301-903-4407; Fax 301-903-6172; **Richard.Stark@eh.doe.gov**.
- *Natural Phenomena Hazards Design and Evaluation Criteria for Department of Energy Facilities*, revision to DOE-STD-1020-94, Project Number NPHZ-0001, Harish Chander, EH-53; 301-903-6681; Fax 301-903-8693; **Harish.Chander@eh.doe.gov**.
- *Lightning Protection for DOE Facilities*, Project Number NPHZ-0002, John Fredlund, DP-45; 301-903-3059; Fax 301-903-7065; **Work@Fredlund.net**.
- *Requesting and Granting Exemptions to Nuclear Safety Rules*, revision to DOE-STD-1083-95, Project Number SAFT-0079, Mary Haughey, EH-53; 301-903-2867; Fax 301-903-6172; **Mary.Haughey@eh.doe.gov**.

DOE Technical Standards Proposed for Reaffirmation

The following documents are currently being reevaluated under the 5-year "Periodic Document Review" (Sunset Review) provision of the Technical Standards Program Procedures (TSPPs). The Preparing Activity (Office of Nuclear and Facility Safety Policy, EH-53) believes that the documents are technically valid in their present versions and recommends that they be reaffirmed.

The following DOE Technical Standards are proposed for reaffirmation:

- DOE-HDBK-1081-94, *Primer on Spontaneous Heating and Pyrophoricity*, December 1994.
- DOE-STD-1027-92, including Change Notice 1, *Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports*, December 1992/Change Notice 1 added September 1997.
- DOE-STD-1030-96, including Change Notice 1, *Guide to Good Practices for Lock-outs and Tagouts*, May 1996/Change Notice 1 added December 1998.
- DOE-STD-1104-96, *Review and Approval of Nonreactor Nuclear Facility Safety Analysis Reports*, February 1996.

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- DOE-STD-3007-93, including Change Notice 1, *Guideline for Preparing Criticality Safety Evaluations at Department of Energy Non-Reactor Nuclear Facilities*, November 1993/Change Notice 1 added September 1998.

A review period ending July 2, 2001, has been set to provide the opportunity for interested persons to comment on these reaffirmation proposals. All comments and questions should be routed through your site Technical Standards Manager, who will relay your responses to the document contacts. The contact for DOE-STD-1027-92, DOE-STD-1104-96, and DOE-STD-3007-93 is Richard Stark, 301-903-4407, Richard.Stark@eh.doe.gov. The contact for DOE-HDBK-1081-94 and DOE-STD-1030-96 is M. Norman Schwartz, EH-53, 301-903-2996, Fax 301-903-6172, Norm.Schwartz@eh.doe.gov.

Proposed Cancellation of DOE Technical Standards

The following documents are being reevaluated under the 5-year "Periodic Document Review" (Sunset Review) provision of the TSPPs. The Preparing Activity (Office of Nuclear and Facility Safety Policy, EH-53) recommends that these documents be canceled after DOE G-443.X-X, *Nuclear Facilities Maintenance Management Program Guide*, is approved and published. The Guide is currently available in draft format at the DOE Directives, Regulations, Policies and Standards Portal (<http://www.directives.doe.gov/>). Note: The projects initiated for updates to the technical standards listed below will be discontinued when DOE G-443.X-X is published.

The following DOE Technical Standards have a proposed cancellation pending status:

- DOE-STD-1050-93, *Guideline to Good Practices for Planning, Schedule, and Coordination of Maintenance at DOE Nuclear Facilities*, March 1993.
- DOE-STD-1051-93, *Guideline to Good Practices for Maintenance Organization and Administration at DOE Nuclear Facilities*, March 1993.
- DOE-STD-1052-93, *Guideline to Good Practices for Control of Maintenance Activities at DOE Nuclear Facilities*, March 1993.
- DOE-STD-1053-93, *Guideline to Good Practices for Control of Maintenance Activities at DOE Nuclear Facilities*, March 1993.
- DOE-STD-1054-93, *Guideline to Good Practices for Control and Calibration of Measuring and Test Equipment (M&TE) at DOE Nuclear Facilities*, March 1993.

- DOE-STD-1055-93, *Guideline to Good Practices for Maintenance Management Involvement at DOE Nuclear Facilities*, March 1993.

The following documents are also being reevaluated under the 5-year "Periodic Document Review" (Sunset Review) provision of the TSPPs. The Preparing Activity (Office of Nuclear and Facility Safety Policy, EH-53) has concluded that the documents are obsolete and recommends the documents be canceled. If you have any questions on this action, contact M. Norman Schwartz, 301-903-2996, Norm.Schwartz@eh.doe.gov.

The following DOE Technical Standards are proposed to be canceled:

- DOE-HDBK-7502-95, *Implementing U.S. Department of Energy Lessons Learned Programs, Volume I and II*, August 1995.
- DOE-EM-STD-5505-96, *Operations Assessments*, May 1996.
- DOE-STD-0100T-93, *Licensed Reactor Nuclear Safety Criteria Applicable to DOE Reactors*, November 1993.
- DOE-STD-0101-92, *Compilation of Nuclear Safety Criteria for Potential Application to DOE Non-Reactor Nuclear Facilities*, March 1992.
- DOE-STD-1064-94, *Guideline to Good Practices for Seasonal Facility Preservation at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1065-94, *Guideline to Good Practices for Post-maintenance Testing at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1067-94, *Guideline to Good Practices for Maintenance Facilities, Equipment, and Tools at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1068-94, *Guideline to Good Practices for Maintenance History at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1069-94, *Guideline to Good Practices for Maintenance Tools and Equipment Control at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1071-94, *Guideline to Good Practices for Material Receipt, Inspection, Handling, Storage, Retrieval, and Issuance at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1072-94, *Guideline to Good Practices for Facility Condition Inspections at DOE Nuclear Facilities*, June 1994.
- DOE-STD-1075-94, *Standard for Developing and Issuing DOE Safety Guides and Implementation Guides*, July 1994.

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Published DOE Technical Standards

DOE employees and DOE contractors may obtain copies from the ES&H Technical Information Services, U.S. Department of Energy; 1-800-473-4375, Fax 301-903-9823.

Subcontractors and the general public may obtain copies from the U.S. Department of Commerce, Technology Administration, National Technical Information Service, Springfield, Virginia 22161; 703-605-6000, Fax 703-605-6900.

Copies of DOE Technical Standards (i.e., DOE Standards, Specifications, Handbooks, and Technical Standards Lists) are also available on the TSP Web Site.

Non-Government Standards

American National Standards Institute

The American National Standards Institute (ANSI) publishes coordination activities of non-Government standards (NGS) biweekly in *ANSI Standards Action*. Recent electronic copies (no hardcopies are produced) are available on the ANSI Web site at http://web.ansi.org/rooms/room_14/. Electronic back copies are available to ANSI members only. For information on site membership, ask your local ANSI contact. For information on individual or group ANSI membership, contact Susan Bose at 212-642-4948 or sbose@ansi.org.

Hardcopy versions of published non-Government standards listed in this section may be obtained from Global Engineering Documents, 15 Inverness Way East, Englewood, Colorado, 80112, 800-854-7179, Fax 303-397-2740, global@ihs.com, <http://global.ihs.com>. Electronic delivery of selected documents is available through ANSI at <http://webstore.ansi.org>. Copies of the listed draft standards and the procedure for commenting on them may be obtained by contacting the standards developing organization.

The following listings are extracted from *ANSI Standards Action* and are representative of NGS development activities that may be relevant to DOE operations. Refer to *ANSI Standards Action* for a more extensive listing of changes and new publications, standards developing organizations, and additional information about submitting comments. Additional information on ANSI activities and available non-Government standards can be found on the ANSI Web site, <http://www.ansi.org>, or through the National Standards System Network, <http://www.nssn.org>.

The following American National Standards are currently in coordination (comment due dates follow each entry):

- ANS 58.6-1996, *Criteria for Remote Shutdown for Light Water Reactors* (reaffirmation of ANSI/ANS 58.6-1996) – June 5, 2001.
- ASME B30.2, *Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist)* (revision of ANSI/ASME B30.2-1996) – June 19, 2001.
- ASME B30.12, *Handling Loads Suspended from Rotorcraft* (revision of ANSI/ASME B30.12-1992) – June 19, 2001.
- ASME B30.16a, *Overhead Hoists (Underhung)* (supplement to ANSI/ASME B30.16-1998) – June 19, 2001.
- ASME B30.17b, *Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)* (supplement to ANSI/ASME B30.17-1998) – June 19, 2001.
- ASME B30.18a, *Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist)* (supplement to ANSI/ASME B30.18-1998) – June 19, 2001.
- ASME B30.20a, *Below-the-Hook Lifting Devices* (supplement to ANSI/ASME B30.20-1999) – June 19, 2001.
- ASME MFC-2M, *Measurement Uncertainty for Fluid Flow in Closed Conduits* (new standard) – June 5, 2001.
- ASME MFC-5M-1985, *Liquid Flow in Closed Conduits Using Transit-Time Ultrasonic Flow Meters, Measurement* (reaffirmation of ANSI/ASME MFC-5M-1985 (R1994)) – June 5, 2001.
- ASME MFC-7M-1987, *Gas Flow by Means of Critical Flow Venturi Nozzles, Measurement* (reaffirmation of ANSI/ASME MFC-7M-1987 (R1992)) – June 5, 2001.
- ASME MFC-9M, *Measurement of Liquid Flow in Closed Conduits by Weighing Method* (new standard) – June 5, 2001.
- ASME OM Code-1998, *Code for Operation and Maintenance of Nuclear Power Plants* (revision, redesignation and consolidation of ANSI/ASME OM Code-1998) – June 19, 2001.
- ASME OM-S/Ga, *Standards and Guides for Operation and Maintenance of Nuclear Power Plants* (supplement to ANSI/ASME OM-S/G-2000) – June 19, 2001.

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- ASTM D56, *Test Method for Flash Point by Tag Closed Tester* (revision of ANSI/ASTM D56-00) – June 5, 2001.
 - ASTM D92, *Test Method for Flash and Fire Points by Cleveland Open Cup* (revision of ANSI/ASTM D92-98) – June 5, 2001.
 - ASTM D2421, *Practice for Interconversion of Analysis of C5 and Lighter Hydrocarbons to Gas-Volume, Liquid-Volume, or Weight Basis* (revision of ANSI/ASTM D2421-95) – June 5, 2001.
 - ASTM D4486, *Test Method for Kinematic Viscosity of Volatile and Reactive Liquids* (reaffirmation of ANSI/ASTM D4486-91 (R1996)) – June 5, 2001.
 - ASTM D4737, *Test Method for Calculated Cetane Index by Four Variable Equation* (reaffirmation of ANSI/ASTM D4737-96A) – June 5, 2001.
 - ASTM D5761, *Practice for the Emulsification/Suspension of Multiphase Fluid Waste Materials* (reaffirmation of ANSI/ASTM D5761-96) – June 5, 2001.
 - ASTM E2030-99, *Guide for Recommended Uses of Photoluminescent Safety Markings* (new standard) – June 5, 2001.
 - ASTM E2072-00, *Specification for Photoluminescent (Phosphorescent) Safety Markings* (new standard) – June 5, 2001.
 - ASTM E2073-00, *Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings* (new standard) – June 5, 2001.
 - ASTM Z8310Z, *Test Method for Thermal Stability of Organic Heat Transfer Fluids* (new standard) – June 5, 2001.
 - ASTM Z8840Z, *Test Method for Discrimination Between Flammability Ratings of F=0 and F=1* (new standard) – June 5, 2001.
 - ASTM/ISO 14031:1999, *Environmental Management – Environmental Performance Evaluation – Guidelines* (new standard) – May 21, 2001.
 - B7.7, *Safety Requirements for Abrading Materials with Coated Abrasives Systems* (new standard) – June 5, 2001.
 - B11.6, *Manually Controlled Turning Machines – Safety Requirements for the Construction, Care, and Use* (revision of ANSI B11.6-1984 (R1994)) – June 4, 2001.
 - B11.8, *Drilling, Milling, and Boring Machines – Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.8-1983 (R1994)) – June 4, 2001.
 - B11.11, *Gear Cutting Machines, Safety Requirements for the Construction, Care, and Use* (revision of ANSI B11.11-1985 (R1994)) – June 4, 2001.
 - N13.11, *Personnel Dosimetry Performance, Criteria for Testing* (revision of ANSI N13.11-1993) – June 19, 2001.
 - N13.49, *Performance and Documentation of Radiological Surveys* (new standard) – June 19, 2001.
 - UL 913, *Standard for Safety for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations* (new standard) – June 19, 2001.
 - UL 1207, *Sewage Pumps for Use in Hazardous (Classified) Locations* (revision of ANSI/UL 1207-1996) – May 7, 2001.
- The following American National Standards have been approved for publication** (Publication is to take place within six months following the date shown. Publication status and ordering information may be obtained from ANSI's Customer Service at 212-642-4900.):
- ANSI C84.1-1995 (R2001), *Electric Power Systems and Equipment – Voltage Ratings (60 Hertz)* (reaffirmation of ANSI C84.1-1995) – March 2, 2001.
 - ANSI N43.8-2001, *Gaging Devices, Classification of Industrial Ionizing Radiation (NBS 129)* (revision of ANSI N43.8-1979 (R1988)) – March 7, 2001.
 - ANSI N43.15-2001, *Safe Design and Use of Self-Contained Wet Source Storage Gamma Irradiators (Category III)* (new standard) – March 7, 2001.
 - ANSI/ASME B30.2c-2001, *Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist)* (supplement to ANSI/ASME B30.2-1996) – March 28, 2001.
 - ANSI/ASME B31.3b-2001, *Process Piping* (revision of ANSI/ASME B31.3b-1997) – March 13, 2001.
 - ANSI/ASTM D6299-01, *Practice for Applying Statistical Quality Assurance Techniques to Evaluate Analytical Measurement System Performance* (revision of ANSI/ASTM D6299-00) – February 27, 2001.
 - ANSI/ASTM E74-01, *Practice for Calibration of Force Measuring Instruments for Verifying the Force Indication of Testing Machines* (revision of ANSI/ASTM E74-00) – February 27, 2001.

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- ANSI/ASTM E2116-01, *Practice for Dosimetry for a Self-Contained Dry Source Irradiator* (new standard) – March 27, 2001.
- ANSI/ISA 91.00.01-1995 (R2001), *Identification of Emergency Shutdown Systems and Controls that are Critical to Maintaining Safety in Process Industries* (reaffirmation and redesignation of ANSI/ISA S91.01-1995) – March 28, 2001.
- ANSI/(NFPA) T2.6.1 R2-2000, *Fluid Power Components – Method for Verifying the Fatigue and Establishing the Burst Pressure Ratings of the Pressure Containing Envelope of a Metal Fluid Power Component* (new standard) – March 5, 2001.
- ANSI/PMI 99-001-2000, *A Guide to the Project Management Body of Knowledge, 2000 Edition (PMBOK® Guide – 2000 Edition)* (revision of ANSI/PMI 99-001-1999) – March 27, 2001.

The following international standards are currently in coordination (comment due dates follow each entry):

- IEC/DIS 62264-1, *Enterprise-Control System Integration – Part 1: Models and Terminology* – June 18, 2001.
- ISO/DIS 9096, *Stationary source emissions – Determination of mass concentration of particulate matter* – June 23, 2001.
- ISO/DIS 10972-3, *Cranes – Requirements for mechanisms – Part 3: Tower cranes* – June 23, 2001.
- ISO/DIS 11612, *Protective clothing – Clothing to protect against heat and flame* – July 7, 2001.
- ISO/DIS 18893, *Mobile elevating work platforms – Safety requirements, inspection, maintenance and operation* – June 23, 2001.
- prEN 365 REVIEW, *Personal protective equipment and other equipment for protection against falls from a height – General requirements for instructions for use, maintenance, periodical examination, repair, marking and packaging* – July 22, 2001.
- prEN 458 REVIEW, *Hearing protectors – Recommendations for selection, use, care and maintenance – Guidance document* – July 22, 2001.
- prEN 1366-7, *Fire resistance tests for service installations in buildings – Part 7: Closures for conveyors and trackbound transportation systems* – August 8, 2001.
- prEN 13818-2, *Transportable gas cylinders – Identification and marking using radio frequency identification technology – Part 2: Framework for data structure* – July 22, 2001.
- prEN 14135, *Coverings – Determination of fire protection ability* – August 1, 2001.
- prEN ISO 2151, *Compressors and vacuum pumps – Noise test code – Engineering method (grade 2)* (ISO/DIS 2151:2001) – July 15, 2001.
- prEN ISO 14539, *Manipulating industrial robots – Object handling with grasp-type grippers – Vocabulary and presentation of characteristics* (ISO 14539:2000) – August 8, 2001.

The following newly published international standards are available:

- IEC 60300-3-5 Ed. 1.0 b:2001, *Dependability management – Part 3-5: Application guide – Reliability test conditions and statistical test principles*.
- IEC 61513 Ed. 1.0 b:2001, *Nuclear power plants – Instrumentation and control for systems important to safety – General requirements for systems*.
- ISO 230-3:2001, *Test code for machine tools – Part 3: Determination of thermal effects*.
- ISO 8573-1:2001, *Compressed air – Part 1: Contaminants and purity classes*.
- ISO 10294-4:2001, *Fire resistance tests – Fire dampers for air distribution systems – Part 4: Test of thermal release mechanism*.
- ISO 10791-2:2001, *Test conditions for machining centres – Part 2: Geometric tests for machines with vertical spindle or universal heads with vertical primary rotary axis (vertical Z-axis)*.
- ISO 10791-8:2001, *Test conditions for machining centres – Part 8: Evaluation of contouring performance in the three coordinate planes*.
- ISO 10791-9:2001, *Test conditions for machining centres – Part 9: Evaluation of the operating times of tool change and pallet change*.
- ISO 10882-1:2001, *Health and safety in welding and allied processes – Sampling of airborne particles and gases in the operators breathing zone – Part 1: Sampling of airborne particles*.
- ISO 13340:2001, *Transportable gas cylinders – Cylinders valves for non-refillable cylinders – Specification and prototype testing*.
- ISO 13563-1:2001, *Single side loading forklift trucks – Part 1: Stability tests*.
- ISO 13563-2:2001, *Single side loading forklift trucks – Part 2: Additional stability tests for trucks handling freight containers of 6 m length and above*.

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- ISO 15472:2001, *Surface chemical analysis – X-ray photoelectron spectrometers – Calibration of energy scales.*
- ISO 15794:2001, *Bi-directional and multi-directional forklift trucks – Stability tests.*
- ISO 16221:2001, *Water quality – Guidance for determination of biodegradability in the marine environment.*
- ISO 16269-7:2001, *Statistical interpretation of data – Part 7: Median – Estimation and confidence intervals.*
- ISO/TS 13732-2:2001, *Ergonomics of the thermal environment – Methods for the assessment of human responses to contact with surfaces – Part 2: Human contact with surfaces at moderate temperature.*

American National Standards Projects Initiated

The following is a list of proposed new American National Standards or revisions to existing American National Standards submitted to ANSI by accredited standards developers. DOE employees or contractors interested in participating in these activities should contact the appropriate standards developing organization. DOE-TSL-4 lists the DOE representatives on NGS committees. If no DOE representative is listed, contact the TSPO for information on participating in NGS activities.

American Welding Society

Office: 550 N.W. LeJeune Road
Miami, FL 33126

Fax: 305-443-5951

Contact: Leonard Connor, Iconnor@aws.org

- AWS F1.6, *Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting* (new standard).

International Society for Measurement and Control

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Fax: 919-549-8288

Contact: Charles Robinson, crobinson@isa.org

- ISA 5.01.01, *Instrumentation Symbols and Identification* (revision and redesignation of ANSI/ISA S5.1-1984 (R1992)).

Association for Manufacturing Technology

Office: 7901 Westpark Drive
McLean, VA 22102-4206

Fax: 703-893-1151

Contact: David Felinski, dfelinski@mfgtech.org

- B11.4, *Machine Tools – Shears – Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.4-1993).
- B11.5, *Machine Tools – Iron Workers – Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.5-1988 (R1994)).
- B11.10, *Metal Sawing Machines, Safety Requirements for Construction, Care, and Use of* (revision of ANSI B11.10-1990 (R1997)).
- B11.13, *Machine Tools – Single- and Multiple-Spindle Automatic Bar and Chucking Machines – Safety Requirements for Construction, Care and Use* (revision of ANSI B11.13-1992 (R1998)).
- B11.14, *Machine Tools – Coil-Slitting Machines Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.14-1996).
- B11.17, *Machine Tools – Horizontal Hydraulic Extrusion Presses – Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.17-1996).
- B11.18, *Machine Tools – Machines and Machinery Systems for Processing Strip, Sheet, or Plate from Coiled Configuration – Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.18-1997).
- B11.20, *Machine Tools – Manufacturing Systems/Cells – Safety Requirements for Construction, Care, and Use* (revision of ANSI B11.20-1991 (R1997)).

American Society for Testing and Materials

Standards activities of the American Society for Testing and Materials (ASTM) are published monthly in *ASTM Standardization News*. Orders for subscriptions or single copies of *ASTM Standardization News* may be submitted to ASTM, Subscription Dept.-SN, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959. For information regarding ASTM membership, contact the Membership Services Department at 610-832-9691 (Fax 610-832-9667). ASTM publications may be ordered from the ASTM Customer Services Department at 610-832-9585 (Fax 610-832-9555). Comments on listed draft standards may be submitted by contacting the ASTM Standards Coordination Department at the above address. Questions may be addressed to the Technical Committee Operations Division at 610-832-9672 (Fax 610-832-9666). Additional information on ASTM activities is available on the ASTM Web site (<http://www.astm.org>). The following listings are extracted from *ASTM Standardization News* and are representative of NGS development activities that may be relevant to DOE operations.

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The following ASTM standards are currently in coordination (the due date for all items is May 10, 2001):

- B 179-96, *Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes* (reapproval of standard).
- B 350/B 350M-96, *Specification for Zirconium and Zirconium Alloy Ingots for Nuclear Application* (revised standard).
- D 5792-95, *Practice for Generation of Environmental Data Related to Waste Management Activities: Development of Data Quality Objectives* (revised standard).
- D 6418-99, *Practice for Using the Disposable En Core Sampler for Sampling and Storing Soil for Volatile Organic Analysis* (revised standard).
- E 29-93a (1999), *Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications* (revised standard).
- E 135-99, *Terminology Relating to Analytical Chemistry for Metals, Ores, and Related Materials* (revised standard).
- E 178-00, *Practice for Dealing with Outlying Observations* (revised standard).
- E 456-96, *Terminology Relating to Quality and Statistics* (revised standard).
- E 1820-99a, *Test Method for Measurement of Fracture Toughness* (revised standard).
- New Standard, *Practice for Sampling Liquids in Open Tanks Ponds and Impoundments with Grab Samplers*.
- New Standard, *Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling*.
- New Standard, *Practice for Low-Flow Purging and Sampling of Ground-Water Monitoring Wells Associated with Waste Management Activities*.
- New Standard, *Practice for Sampling Liquids and Sludges with Discrete Depth Samplers*.
- D 897-00, *Test Method for Tensile Properties of Adhesive Bonds* (revised standard).
- D 2946-01, *Terminology for Asbestos and Asbestos-Cement Products* (revised standard).
- D 3878-00, *Terminology for Composite Materials* (revised standard).
- D 6597-00, *Practice for Assessment of Attaining Clean Up Level for Site Closure* (new standard).
- E 83-00 (Includes change to title), *Practice for Verification and Classification of Extensometer* (revised standard).
- E 1685-00, *Practice for Measuring the Change in Length of Fasteners Using the Ultrasonic Pulse-Echo Technique* (revised standard).
- E 1875-00, *Test Method for Dynamic Youngs Modulus, Shear Modulus, and Poissons Ratio by Sonic Resonance Volume 03.01, 2001* (revised standard).
- E 2109-00, *Test Methods for Determining Area Percentage Porosity in Thermal Sprayed Coatings* (new standard).
- F 2061-00, *Practice for Chemical Protective Clothing Care and Maintenance Instructions* (new standard).

The following newly published standards are available from ASTM:

- B 542-00, *Terminology Relating to Electrical Contacts and Their Use* (revised standard).
- C 1246-00, *Test Method for Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants After Cure* (revised standard).

Comments, Questions, and Addresses

Comments: If you have any questions or comments, please contact Rick Serbu, EH-53, Manager, DOE Technical Standards Program Office (TSPO), 301-903-2856, Fax 301-903-6172, Richard.Serbu@eh.doe.gov.

Addresses: *Standards Actions* and *The Standards Forum* are electronic newsletters available on the TSP Web Site (<http://tis.eh.doe.gov/techstds/>). To update your mailing and e-mail addresses, please contact Amy Bush, ORNL, 865-576-2395, Fax 865-574-0382, bushar@ornl.gov.

Technical Standards Activities: The TSPO would like to be kept informed of the status of technical standards that are being prepared or coordinated for DOE. Please provide this information to the TSPO at 865-576-2395, bushar@ornl.gov.